

CLAIMS

I claim:

1. A carrier for interconnecting a PC card device to a personal computer, comprising:
 - a carrier having a front, and a rear, the front has an opening for receiving at least one PC card, the rear has a plug for removeably interconnecting the carrier with a docking assembly;
 - a PC card device having adapter circuitry mounted on the carrier and coupled to the plug, the adapter circuitry including at least one PC card slot.
2. A carrier as set forth in claim 1, wherein the PC card device has two card slots.
3. A carrier as set forth in claim 1, wherein the PC card device has a PCMCIA type III slot and a COMPACT FLASH slot for reading and writing to PC cards of various configurations.
4. A carrier as set forth in claim 2, wherein the adapter circuitry includes an IDE interface pin connector and the IDE interface pin connector couples with the plug.
5. A carrier as set forth in claim 3, wherein the PC card device includes a ribbon cable extending from the IDE interface pin connector to the plug.
6. A carrier as set forth in claim 1, wherein the carrier includes a folding handle mounted on the front.

1 7. A carrier and docking assembly in combination for removeably
2 interconnecting a PC card device with a computer, comprising:
3 a docking assembly configured to be fixed in a bay of a computer housing, the
4 docking assembly includes a plug for the carrier, a power connector and a pin connector,
5 the pin connector is adapted for connection with an IDE interface; and
6 the carrier including a PC card device and a plug, the carrier plug removeably
7 interconnects with the docking assembly plug to enable the PC card device to
8 communicate with the IDE interface.

9
10 8. A carrier and docking assembly as set forth in claim 7, wherein the
11 docking assembly has width of 5 ¼ inches for inserting the carrier in a 5 ¼ inch memory
12 storage bay.

13
14 9. A carrier and docking assembly as set forth in claim 7, wherein the
15 docking assembly has a width of 3 ½ inches for inserting the carrier in a 3 ½ inch
16 memory storage bay.

17
18 10. A carrier and docking assembly as set forth in claim 7, wherein the carrier
19 and docking assembly have rails for aligning the carrier with a docking assembly.

20
21 11. A carrier and docking assembly as set forth in claim 7, wherein the carrier
22 has a handle for removing the carrier from the docking assembly and for carrying the
23 carrier.

24
25 12. A carrier and docking assembly as set forth in claim 7, wherein the carrier
26 has a fan.

See B. 6
OK

13. A carrier and docking assembly in combination for removeably
interconnecting a fan with a computer, comprising:
a docking assembly configured to be fixed in a bay of a computer housing, the
docking assembly includes a power connector;
a carrier including a fan, the carrier removeably plugs into the plug of the docking
assembly to enable the fan to cool the computer.

Add a4

Add
S1

add
G4

09132343-102998